

**ARMY NATIONAL GUARD
FY06 UFR'S**

15 January 2005

SUBJECT: Movement Tracking System
FY06 UFR: Control Station and Mobile Units \$306M
APPN:
AREA OF INTEREST: MODERNIZATION

DESCRIPTION: The Movement Tracking System (MTS) Mobile unit uses commercial-off-the-shelf (COTS) items. MTS will incorporate a global positioning system (GPS), automatic identification technology, non-line of site communications and mapping technologies into one package that provides vehicle/watercraft and cargo visibility throughout the world.

The Movement Tracking System (MTS), Control Station will incorporate the global positioning system (GPS) automatic identification technologies, non line-of-site communications and mapping technologies into a package that provides vehicles and cargo visibility throughout the world. MTS control station will be positioned at Headquarters/ Movement Control locations and track the position of Tactical wheeled vehicles/watercraft equipped with MTS mobile units. MTS will operate 24 hours a day.

ISSUE JUSTIFICATION: Through the use of positioning and communication satellites, commanders have the capability to provide assured positive control of their assets anywhere in the world. The MTS provides the capability to identify position, tracks progress and communicate with the operators of the Tactical Wheeled Vehicle (TWV)/Watercraft. The ARNG is currently short approximately 1,552 Control systems and 14,554 MTS Mobile units. ARNG currently has no equipment on hand, proposed FY01 fielding has been delayed.

PROGRAM STATUS: At this time no change from FY05 Information Paper, based on FY09 Force Structure not including Modularity partially funded through current POM. Not funded. Given the MTS Program projecting funding (through FY09), only 24% (9,791) of the stated Army Acquisition Objective (AAO) (41,157) is funded. Based on FY09 Force Structure not including Modularity MTS not funded through current POM. Force Structure requirements will change once TAA and Modularity is programmed for ARNG units. All MTS equipment is located in Iraq.

IMPACT OF FUNDING THE CAPABILITY: The Army needs a capabilities provided by "Total Asset Visibility" to track the location of vehicles, communicate with vehicle operators, and redirect movements based on the battlefield requirements. Without MTS, ARNG logistics and Transportation elements that are deployed will not be properly integrated within a key network that provides Total Asset Visibility.

(Include for internal ARNG coordination/use only)

SUBJECT: Movement Tracking System

APPN: **APE:**

MDEP: FPJB

MDEP TITLE: Movement Tracking System

DAMO-ZR 1-N List Priority Number:

Division Priority:

Functional POC: Debbie Wasner/ NGB-ARQ/703-607-7834

Approval Authority: COL Moore/ NGB-ARQ/ 703-607-7804

MTS Control Systems

\$K	FY06	
Validated Requirement	40,000M	
Unvalidated Requirement	0	
Total Requirement	40,000M	
Funded Amount	0	
Total UFR	40,000M	

MTS Mobile Units

\$K	FY05	
Validated Requirement	266,000M	
Unvalidated Requirement	0	
Total Requirement	266,000M	
Funded Amount	0	
Total UFR	266,000M	

Data is provided as of the POM FY04-09 position.

ANALYSIS: Total of MTS sub-systems is \$306M

***Note: Changes in requirements and unit costs due to the on-going design of the Modular Force require this information paper be updated periodically. Next analysis and update will occur in early March 05.**